

Adaptive post-filtering for reducing noise in highly compressed image/video coding

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Inventor: KIM CHANGICK (US)

Applicant: SEKO EPSON CORP (JP)

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Cited documents:

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Abstract of EP1351508

A technique to reduce ringing artifacts in highly compressed block-based image/video coding is applied to each reconstructed frame output from the decoder. For each pixel block of a reconstructed frame, low-pass filtering is then adaptively applied according certain calculated differences between adjacent pixel values. For each pixel, a determination is made as to what type of horizontal filter, if any, is to be applied. Depending on the results of that determination, the pixel may remain unfiltered or may have a 2- or 3-tap horizontal filter applied to it. A similar process is undertaken to determine what type of vertical filter, if any, is to be applied, no filter, a 2-tap or a 3-tap vertical filter.

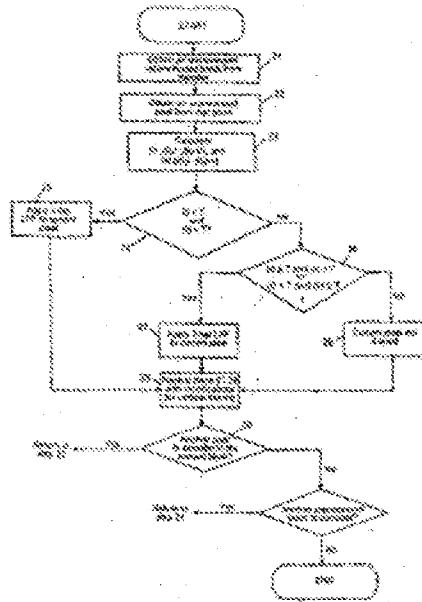


FIG. 3

Data supplied from the esp@cenet database - Worldwide